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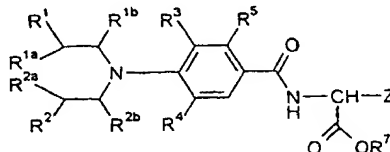
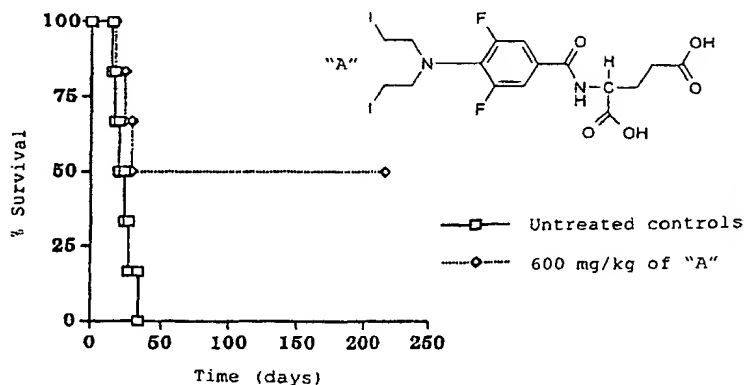
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(21) International Application Number: PCT/GB00/01194 (22) International Filing Date: 29 March 2000 (29.03.00) (30) Priority Data: 9907414.8 31 March 1999 (31.03.99) GB (71) Applicant (for all designated States except US): CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED [GB/GB]; Cambridge House, 6-10 Cambridge Terrace, Regent's Park, London NW1 4JL (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): SPRINGER, Caroline, Joy [GB/GB]; Institute of Cancer Research, CRC Centre for Cancer Therapeutics, 15 Cotswold Road, Sutton, Surrey SM2 5NG (GB). DAVIES, Lawrence, Christopher [GB/GB]; Institute of Cancer Research, CRC Centre for Cancer Therapeutics, 15 Cotswold Road, Sutton, Surrey SM2 5NG (GB). (74) Agents: BRASNETT, Adrian, H. et al.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).		(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	

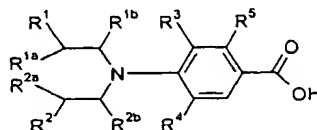
(54) Title: NITROGEN MUSTARD COMPOUNDS AND PRODRUGS THEREFOR

(57) Abstract

This invention pertains to nitrogen mustard compounds (Formula (II)) and prodrugs thereof (Formula (I)), methods for their preparation, pharmaceutical compositions comprising such compounds, and the use of such compounds and compositions, both in vitro and in vivo, in therapy and treatment, for example, of cancer, wherein: R¹ and R² are independently -Cl, -Br, -I, -OSO₂CH₃, or -OSO₂Ph; R^{1a}, R^{2a}, R^{1b}, and R^{2b} are independently -H, a C₁₋₄alkyl group, or a C₁₋₄haloalkyl group; R³ is -F, -Cl, -Br, -I, -OCHF₂, -C≡CH, -OCF₃, -CH₃, -CF₃, -SF₅, -SCF₃, or -CF₂CF₃; R⁴ is -H or as defined for R³; R⁵ is -H or -F; R⁷ is -H, -C(CH₃)₃, or -CH₂-CH=CH₂; Z is -CH₂-T-W; T is -CH₂-, -O-, -S-, -(S=O)-, or -(SO₂)-; W is one of: (1) -COOH; (2) -(C=O)OR⁸; (3) -(C=O)NR⁹R⁹; (4) -SO₂NHR¹⁰; (5) -SO₂OR¹¹; (6) -PO₃R¹¹R¹¹; (7) a tetrazol-5-yl group; (8) -CONH-SO₂R¹²; and, (9) -M-Het.



(I)



(II)

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